

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5008141").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 06:44
L2	0	("blowdown").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 06:44
L3	3554	blowdown	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 06:46
L4	311	blowdown adj valve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 06:47
L5	30301	ball adj valve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:49
L6	4	I4 same I5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:24
L7	216	hydroxymethylacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:46
L8	718	hydroxyalkylacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:22
L9	920	I7 or I8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:22
L10	2	I3 and I9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:22
L11	32	("4443340").URPN.	USPAT	OR	ON	2006/11/14 07:22
L12	578	562/598.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:49

## EAST Search History

L13	0	I4 and I12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:49
L14	745223	ball	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:49
L15	7	I4 same I14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 07:50
L16	1011	422/129.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:24
L17	0	I4 and I16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:58
L18	2	2002-234861	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 08:59
L19	0	("20020234861").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 08:59
L20	3	("2002234861").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 09:00
L21	2	("20020111510").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 09:10
L22	2	("59122470").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/14 09:10

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
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NEWS 4 AUG 28 ADISCTI Reloaded and Enhanced  
NEWS 5 AUG 30 CA(SM)/CPlus(SM) Austrian patent law changes  
NEWS 6 SEP 11 CA/CPlus enhanced with more pre-1907 records  
NEWS 7 SEP 21 CA/CPlus fields enhanced with simultaneous left and right  
truncation  
NEWS 8 SEP 25 CA(SM)/CPlus(SM) display of CA Lexicon enhanced  
NEWS 9 SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates  
NEWS 10 SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine  
NEWS 11 SEP 28 CEABA-VTB classification code fields reloaded with new  
classification scheme  
NEWS 12 OCT 19 LOGOFF HOLD duration extended to 120 minutes  
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NEWS 14 OCT 23 Option to turn off MARPAT highlighting enhancements available  
NEWS 15 OCT 23 CAS Registry Number crossover limit increased to 300,000 in  
multiple databases  
NEWS 16 OCT 23 The Derwent World Patents Index suite of databases on STN  
has been enhanced and reloaded  
NEWS 17 OCT 30 CHEMLIST enhanced with new search and display field  
NEWS 18 NOV 03 JAPIO enhanced with IPC 8 features and functionality  
NEWS 19 NOV 10 CA/CPlus F-Term thesaurus enhanced  
NEWS 20 NOV 10 STN Express with Discover! free maintenance release Version  
8.01c now available  
NEWS 21 NOV 13 CA/CPlus pre-1967 chemical substance index entries enhanced  
with preparation role  
  
NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
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AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.  
  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 07:57:52 ON 14 NOV 2006

=>

=> .file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.63

0.63

FILE 'CAPLUS' ENTERED AT 07:59:30 ON 14 NOV 2006

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FILE LAST UPDATED: 12 Nov 2006 (20061112/ED)

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=> blowdown

2284 BLOWDOWN

99 BLOWDOWNS

L1

2325 BLOWDOWN

(BLOWDOWN OR BLOWDOWNS)

=> ball

66463 BALL

17609 BALLS

L2

75130 BALL

(BALL OR BALLS)

=> l1(l) l2

L3

1 L1(L) L2

=> d l3 ti fbib abs

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

TI Alternatives to chlorination for control of condenser tube bio-fouling

AN 1977:589197 CAPLUS

DN 87:189197

TI Alternatives to chlorination for control of condenser tube bio-fouling

AU Yu, H. H. S.; Richardson, G. A.; Hedley, W. H.

CS Monsanto Res. Corp., Dayton, OH, USA

SO U. S. NTIS, PB Rep. (1977), PB-266269, 83 pp. Avail.: NTIS

From: Gov. Rep. Announce. Index (U. S.) 1977, 77(15), 110

CODEN: XPBRCA

DT Report

LA English

AB Using Cl raises many questions regarding the toxicity of chlorinated compds. which enter public drinking-water systems and harm aquatic organisms in the receiving water. Alternative methods include: use of other chems. (BrCl, ClO2, O3, and controlled-release pesticides); more efficient methods of chemical application (serial dosing near the condenser

inlet, adding dechlorination chems.; blowdown timing control, and chlorination by residuals feedback control); on-line mech. cleaning (sponge ball system, brush system, and hot water backflush system); and phys./chemical treatment. Promising approaches to reducing free-Cl residuals in power plant effluents are available.

=> logoff hold  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
8.94	9.57

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.75	-0.75

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 08:02:40 ON 14 NOV 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'CAPLUS' AT 09:45:29 ON 14 NOV 2006  
FILE 'CAPLUS' ENTERED AT 09:45:29 ON 14 NOV 2006  
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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
8.94	9.57

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.75	-0.75

CA SUBSCRIBER PRICE

=> D HIS

(FILE 'HOME' ENTERED AT 07:57:52 ON 14 NOV 2006)

FILE 'CAPLUS' ENTERED AT 07:59:30 ON 14 NOV 2006

L1 2325 BLOWDOWN  
L2 75130 BALL  
L3 1 L1(L) L2

=> ?ACRYL?

L4 740154 ?ACRYL?

=> L1(L) L4

L5 13 L1(L) L4

=> D L5 1-13 TI

L5 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN

TI Dispersant trial at ANO-2: results from a short-term trial prior to SG replacement

L5 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN

TI Polymer dispersants and methods of use in a nuclear steam generator

L5 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI HTP-2, a new iron dispersant for medium to high pressure industrial boilers

L5 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Chemical composition and combined process for inhibiting deposits and corrosion in cooling towers and gypsum scaling in flue gas desulfurization scrubber systems

L5 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Design and operation of a 2600 psig model steam generator

L5 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Zero blowdown by sidestream softening on cooling systems of base load units

L5 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Clarification and decolorization of blowdown waters from mills for the beneficiation of oxidized iron ores

L5 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI The use of sulfonated styrene copolymers as boiler water sludge conditioning agents

L5 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Cooling water treatment in large single stream ammonia plants

L5 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Continuous belt ion exchanger: chromate removal from cooling tower blowdown waters

L5 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Approaches to zero pollutant discharge

L5 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Combustion of an ablative fuel in a constant-area channel

L5 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Polyelectrolyte for boiler sludge conditioning

=>

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	28.06	28.69
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:02:00 ON 14 NOV 2006